Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094172.D
Acq On : 4 Apr 2017 17:35
Operator : SJ/MA
Sample : PB98028BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98028BSD

Quant Time: Apr 05 01:21:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	178850	20.00	ng		-0.03
21) Naphthalene-d8	7.38	136	706530	20.00	ng		-0.03
38) Acenaphthene-d10	9.52	164	330518	20.00	ng		-0.03
63) Phenanthrene-d10	11.35	188	587298	20.00	ng		-0.02
75) Chrysene-d12	14.60	240	460792	20.00	ng		-0.02
86) Perylene-d12	16.23	264	323870	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.43	112	1217955	115.02	ng		0.00
7) Phenol-d6	5.49	99	1545380	117.97	ng		-0.02
23) Nitrobenzene-d5	6.53	82	963068	77.79	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	346910	132.82	ng		-0.02
44) 2-Fluorobiphenyl	8.71	172	1792295	82.71	ng		-0.02
78) Terphenyl-d14	13.33	244	1519771	73.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	168020	33.03	ng		99
3) Pyridine	2.77	79	512999	37.00	ng		99
4) n-Nitrosodimethylamine	2.74	42	219289	38.44	ng		87
6) Aniline	5.50	93	291042	15.97	ng	#	1
8) 2-Chlorophenol	5.65	128	484863	41.66	ng		97
9) Benzaldehyde	5.37	77	261653	29.58	ng		98
10) Phenol	5.50	94	569256	38.19	ng		97
11) bis(2-Chloroethyl)ether	5.59	93	456337	39.17	ng		97
12) 1,3-Dichlorobenzene	5.81	146	521698	39.96	ng		98
13) 1,4-Dichlorobenzene	5.90	146	519241	39.27	ng		97
14) 1,2-Dichlorobenzene	6.07	146	490184	40.25	ng		97
15) Benzyl Alcohol	6.05	79	395200	41.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.21	45	632141	35.21	ng		96
17) 2-Methylphenol	6.19	107	408221	40.95	ng		97
18) Hexachloroethane	6.47	117	185018	39.81	ng		87
19) n-Nitroso-di-n-propylamine	6.36	70	337608	40.10	ng		98
20) 3+4-Methylphenols	6.37	107	534442	44.27	ng	#	63
22) Acetophenone	6.35	105	682346	43.33	ng	#	87
24) Nitrobenzene	6.55	77	497786	40.77	ng		94
25) Isophorone	6.84	82	899457	41.35	ng		96
26) 2-Nitrophenol	6.93	139	278106	47.76	ng		98
27) 2,4-Dimethylphenol	7.00	122	450602	44.91	ng		98
28) bis(2-Chloroethoxy)methane	7.10	93	592280	41.29	ng		98
29) 2,4-Dichlorophenol	7.23	162	422093	44.99	ng		99
30) 1,2,4-Trichlorobenzene	7.32	180	411625	42.60	ng		98
31) Naphthalene	7.41	128	1385160	40.77	ng		99
32) Benzoic acid	7.16	122	253902	38.01	ng		98
33) 4-Chloroaniline	7.47	127	133414	9.69	ng	#	92
34) Hexachlorobutadiene	7.56	225	207363	41.85	ng		97
35) Caprolactam	7.92	113	140535m	46.98	ng		
36) 4-Chloro-3-methylphenol	8.10	107	454389	46.36	ng		88
37) 2-Methylnaphthalene	8.25	142	967129	42.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	358115	39.61	ng		99
40) Hexachlorocyclopentadiene	8.45	237	343653	81.22	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.60	196	290934	45.48	ng		97
43) 2,4,5-Trichlorophenol	8.66	196	291302	42.08	ng		94
45) 1,1'-Biphenyl	8.83	154	1093800	41.03	ng		97
46) 2-Chloronaphthalene	8.85	162	861333	41.27	ng		95
47) 2-Nitroaniline	8.97	65	264731	42.76	ng	#	83
48) Acenaphthylene	9.35	152	1378948	39.76	ng		99
49) Dimethylphthalate	9.22	163	1049215	44.66	ng		99
50) 2,6-Dinitrotoluene	9.28	165	234661	43.57	ng	#	86
51) Acenaphthene	9.57	154	828707	40.95	ng		100
52) 3-Nitroaniline	9.47	138	88402	13.98	ng		95
53) 2,4-Dinitrophenol	9.62	184	224876	78.14	ng	#	72
54) Dibenzofuran	9.78	168	1190526	43.21	ng		100
55) 4-Nitrophenol	9.73	139	368132	74.33	ng	#	64
56) 2,4-Dinitrotoluene	9.78	165	293144	43.33	ng	#	74
57) Fluorene	10.20	166	913313	39.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	219179	46.15	ng		97
59) Diethylphthalate	10.09	149	1016066	43.76	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	394268	40.51	ng		89
61) 4-Nitroaniline	10.24	138	254012	41.85	ng		97
62) Azobenzene	10.40	77	989895	45.06	ng		96
64) 4,6-Dinitro-2-methylphenol	10.28	198	157858	43.89	ng	#	76
65) n-Nitrosodiphenylamine	10.36	169	856570	42.17	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	246565	42.69	ng		95
67) Hexachlorobenzene	10.88	284	252819	43.24	ng	#	90
68) Atrazine	11.03	200	248940	40.92	ng		96
69) Pentachlorophenol	11.13	266	248919	68.40	ng		98
70) Phenanthrene	11.38	178	1357905	41.56	ng		99
71) Anthracene	11.44	178	1421744	42.27	ng		99
72) Carbazole	11.64	167	1313685	38.08	ng		99
73) Di-n-butylphthalate	12.10	149	1570359	43.78	ng		99
74) Fluoranthene	12.84	202	1405408	42.01	ng		99
76) Benzidine	13.01	184	246963	13.54	ng	#	91
77) Pyrene	13.12	202	1415330	42.32	ng		99
79) Butylbenzylphthalate	13.94	149	677640	47.56	ng		88
80) Benzo(a)anthracene	14.59	228	1146951	42.68	ng		99
81) 3,3'-Dichlorobenzidine	14.56	252	216810	22.57	ng	#	98
82) Chrysene	14.64	228	1003448	40.24	ng		99
83) Bis(2-ethylhexyl)phthalate	14.65	149	908592	46.74	ng		100
84) Di-n-octyl phthalate	15.41	149	1498901	46.15	ng		98
85) Indeno(1,2,3-cd)pyrene	17.57	276	793912	36.76	ng		100
87) Benzo(b)fluoranthene	15.83	252	895462	45.11	ng		98
88) Benzo(k)fluoranthene	15.86	252	867112	44.64	ng		96
89) Benzo(a)pyrene	16.17	252	794639	43.47	ng		98
90) Dibenzo(a,h)anthracene	17.60	278	640740	41.39	ng		99
91) Benzo(g,h,i)perylene	17.97	276	671134	43.01	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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